

REPORT ON THE HEALTH
OF THE
Urban District of Erdington,

FOR THE YEAR 1897,

BY

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Medical Officer of Health.

PRINTED BY ORDER OF THE COUNCIL.

BIRMINGHAM :

BUCKLER BROTHERS, PRINTERS, CAXTON PASSAGE, HIGH STREET.



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MEDICAL OFFICER OF HEALTH'S OFFICE,

14, TEMPLE STREET, BIRMINGHAM,

January, 1898.

To the Erdington Urban District Council.

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to present to you my Fourth Annual Report on the sanitary condition of the District under your charge. This comprises the Hamlets of Erdington and Witton, and includes the following public institutions, viz.:—The Aston Union Workhouse, the Jaffray Hospital, the Mason Orphanage, and the Small-pox portion of the Aston Manor Infectious Hospital.

AREA.

The area of the whole District is 4,550 acres, of which 3,610 are in Erdington, and 940 in Witton.

Since my last Report was issued, the District has been divided into five wards, and in the tables of mortality and sickness, the statistics will be found set down in the various wards. This is of value, because it permits us to see where any excessive mortality occurs, or where there is special incidence of Zymotic disease.

POPULATION.

I have before explained that it is only in census years that we actually and definitely know our population, so that, since 1891, the population taken for statistical purposes is to some extent only an estimated one. Thanks, however, to the courtesy of the Aston School Board, I have been furnished with the results of their census, made for scholastic purposes, and I have therefore the means of judging very accurately the number of persons living in the District in the middle of the year. This I find to be 13,000, viz., 12,440 in Erdington, and 560 in Witton. This gives us an increase of 705, which is very nearly the same as was recorded in the year 1896, and must be considered highly satisfactory, as evidencing the continued and increased prosperity of the district.

BIRTHS.

354 births (164 males and 190 females) have been registered, of which 280 were in Erdington, 19 in Witton, and 55 at the Workhouse. This is an increase on the figures for 1896. The birth-rate for the year is 23·07, compared with 22·52 in 1896. It is still low for a prosperous district, and much below the average for the County of Warwick, which in 1896 was 28·54.

I am pleased to be able to record that only three of the births registered were illegitimate.

DEATHS.

471 deaths (253 males and 218 females) were registered in the District, viz.:—147 in Erdington, 10 in Witton, 303 at the Workhouse, and 11 at the Jaffray Hospital. In order to find the true death-rate, it is necessary to subtract from the total the deaths of persons

not belonging to the District, and to add the deaths of any belonging to the District which occurred outside it. The result of this is, I find, that 158 deaths are to be debited to us this year, giving on the estimated population the satisfactory rate of 12·15 per 1,000 persons living.

The following Table shows at a glance the birth, death, and zymotic rates for the last ten years :—

	1888	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
Birth-rate	24·36	20·83	25·05	23·67	23·37	21·00	20·87	22·32	22·52	23·07
Death-rate	12·30	11·19	12·52	13·43	13·25	12·91	10·16	12·80	11·95	12·15
Zymotic-rate	2·29	0·10	1·18	1·55	0·80	1·34	0·35	0·95	0·97	3·0

From this Table we see that our general death-rate is slightly below the average of the ten years.

The next Table compares the death-rate for the year with that of neighbouring authorities, and with the whole of England.

DEATH-RATE PER 1,000 LIVING.

1897.	Erdington.	Aston Manor.	Sutton Coldfield.	England.
	12·15	17·0	11·59	17·4

Of the 158 deaths, 43 were in children under one year of age, giving a percentage to the total deaths of 27·21.

The following Table shows the rate of infant mortality, compared with the total number of births and deaths:—

Annual Rate of Mortality.	Percentage of Deaths of Infants under One Year to Total Deaths.	Percentage of Deaths of Children under Five Years to Total Deaths.	Percentage of Deaths of Infants under One Year to Registered Births.
12·15	27·21	42·10	14·6

On comparing these figures with those for last year, we see that the percentage of deaths of infants under one year to registered births is rather less, but I am still compelled to say that the figure is far from satisfactory. In 1896 (the last year yet available) the figure for the whole of the administrative County of Warwick was 13·6. For many years I have been in the habit of tabulating the causes of the infantile deaths, and this last year they were as follows:—Diarrhœa, 9; Whooping Cough, 3; Measles, 1; Bronchitis and Pneumonia, 5; Inanition, 1; Convulsions, 5; Debility from birth, 3; Premature Birth, 2; Marasmus, 4; Immaturity, 5; Gastritis, 1; Meningitis, 1; Hydrocephalus, 1; Rupture of Blood Vessel, 1; and Abscess, 1.

The same result is seen as in previous years—the great majority of the deaths occur from causes over which sanitary authorities have little control; and I can again, therefore, only commend this subject to those who, acting in touch with the mothers of the working classes, have the opportunity, by precept and example, of educating them in the elementary hygienic principles so necessary for the life and health of the infant.

By referring to Table A it will be seen that no less than 21 infantile deaths occurred in Short Heath Ward, while the number of births was 118 out of 280 for the whole four wards of Erdington.

The next Table is useful in showing the distribution of deaths in each quarter, together with the birth-rate, total, and zymotic death-rates.

1897.	Births.	Birth Rate.	Deaths.	Death Rate.	Zymotic Death Rate.
1st Quarter	76	23·36	45	13·84	1·22
2nd "	71	21·84	37	11·36	2·88
3rd "	80	24·60	44	13·52	4·92
4th "	73	22·24	32	9·84	3·04

ZYMOTIC DISEASES.

Fifty-four deaths have been registered from the seven principal Zymotic diseases, compared with twenty in the preceding year. Of these, fifteen, viz., three Typhoid Fever and 12 Diarrhœa, occurred in the Workhouse, all of which did not belong to the District. This leaves us, therefore, with thirty-nine deaths to be debited to Erdington and Witton, due to the following diseases:—Scarlet Fever, 1; Diphtheria, 9; Whooping Cough, 6; Typhoid Fever, 2; Diarrhœa, 12; and Measles, 9. Of these, 33 were registered as occurring in Erdington and 6 in Witton.

113 cases were notified under the Act, compared with 221 in the previous year, and 134 in 1895. Of these, 21 were in the Workhouse and 4 in the Jaffray Hospital, leaving 88 for the District proper, viz., 79 from Erdington and 9 from Witton. It will thus be seen that, while

there have been fewer cases notified during the year, the Zymotic mortality has been much higher than usual, and this is accounted for by the fact that the majority of the deaths were due to Diarrhœa, Measles, and Whooping Cough—diseases which are not notifiable, and which at present at least are very little under control.

Small-pox. Not a single case of this disease has been reported during the year.

Scarlet Fever. Only one death was registered from Scarlet Fever, this being in Short Heath Ward, while 51 cases were notified, including 3 in the Workhouse, compared with 150 in 1896. This diminution in the number of cases notified is very gratifying, while it is also pleasing to note that the type of disease was mild, as the mortality was only two per cent. The disease was chiefly prevalent in the first quarter, and the majority of cases were in Fentham and Short Heath Wards.

Measles. Nine deaths were due to this fatal disease of childhood, eight in Erdington and one in Witton, and I have no doubt several hundred cases have occurred. Six of the deaths were in children under five years of age, and it is a fact that the great proportion of cases are in children of very tender years. The disease became epidemic in December, and in consequence of this the elementary schools were voluntarily closed for the Christmas holidays a week earlier than usual. Most people regard measles as a trivial ailment, which all children must have, and, indeed, believe that it is better for children to have it at an early date. Nothing could be further from the truth. Measles, as I have said, is chiefly fatal in early childhood, and if young children are shielded from infection, should they take the disease later on, they are much less likely to fall victims to it. During the two previous years there was no mortality from measles, so when infection was introduced we had

a large amount of inflammable material. I may note in passing that Measles was prevalent in the City of Birmingham and neighbourhood during the latter part of the year. As regards preventive measures, handbills were distributed, giving advice on the care of cases, and hints also as to the prevention of spread.

Diphtheria. Nine deaths were due to Diphtheria, and altogether 25 cases were notified, including one in the Workhouse. The notified cases were rather fewer than in 1896, but the mortality was much higher.

In the first quarter of the year three cases (two of them fatal) occurred at Witton in a house subject to flooding from the river. A few days before the outbreak a flood had actually occurred, and I have little doubt that this was the chief predisposing cause. The water was polluted, and its use has been discontinued. On enquiry I found the milk supply to be above suspicion, while there was no history of infection.

In June two fatal cases were notified from South Road, and on inspection I found that these children had been brought into the District while suffering from throat disease. The father alleged that the children had been ailing for some time, owing to the insanitary condition of their previous house and its surroundings.

In September a fatal case occurred in Leamington Road, and I have little doubt that in this instance the disease was caught from a child of a neighbour, as the two children had been playing together in the neighbour's yard.

In October a serious outbreak took place at Tyburn, and here I found the premises in a very insanitary condition. The cellar was wet, and the house generally damp, owing to defective spouting and jointing. There was an old vault privy. The house itself was dirty,

while up against it, in an outhouse, several pigs were kept. The yard, which was unpaved, was also full of fowls, while finally the water supply was polluted. The cellar has been filled up, the house cleansed, the spouting repaired, the pigs and fowls removed, while the privy has been converted into an earth closet. As there was little chance of improving the water supply and tap water was not available, the water is now fetched from a well of known purity some distance away.

The other cases were slight, and in no instance could I find anything likely to produce the disease.

Typhoid Fever. Two deaths and seven cases of Typhoid Fever were notified in the District proper, and in addition nine cases, three being fatal, were reported from the Workhouse. All these latter cases were in paupers removed from outside districts after infection.

Of the deaths to be debited to us, one occurred in Bromford Ward and the other in Witton. The former was in a man who had been ailing for years and was in a very weakly state. He lived on the boundary of the Sewage Farm. His house was supplied with tap water, and I do not ascribe the disease to any insanitary condition of the premises. In the Witton case, the patient came home ill.

Of the other five cases, two were imported from Liverpool and Sheffield respectively, while another became infected from association with the Liverpool case. The two other cases occurred in a man and wife in Fentham Ward, the man, who worked away from home, being first infected, and his wife taking the disease from him. Here, however, some improvement in the sanitary condition of the premises is desirable. It is interesting to note that in every case the patients were supplied with tap water, while the same fact was observed last year.

Whooping Cough. This disease caused no less than six deaths, all being in children under five years of age; indeed, three were in infants under one year. At present, sanitation can do but little to cope with this very fatal disease of childhood.

Diarrhœa. Twenty-four deaths were registered in the whole District, but as twelve were in the Workhouse, and were in-patients not belonging to the District, the number to be debited to us is twelve. This, however, is more than double the number registered in 1896, and looking at the very great mortality which occurred in many districts, notably in the City of Birmingham, this cannot, I think be considered excessive. The bulk of the deaths occurred in the autumn, as is usually the case when the weather conditions predispose. Five of the deaths were in Short Heath Ward.

Influenza. I am able to again record that no death was due to Influenza, while I find also that there has been a further diminution in the deaths due to diseases of the respiratory organs.

AN ACCOUNT OF ENQUIRIES MADE AS TO CONDITIONS INJURIOUS TO HEALTH, AND OF THE PROCEEDINGS ADVISED; ALSO AN ACCOUNT OF THE SUPERVISION EXERCISED OVER PLACES AND HOUSES WHICH THE SANITARY AUTHORITY HAVE POWER TO REGULATE, WITH THE ACTION TAKEN IN REGARD TO OFFENSIVE TRADES.

As in previous years every division of the District has been continually and carefully inspected, and many nuisances have been discovered and remedied.

NOTIFICATION.

The Notification Act has been of the greatest service, and has worked admirably, owing to the maintenance of good relations between your Staff and the Medical men practising in the District.

113 cases have been notified, of which 25 were in public institutions, viz. : 21 in the Workhouse, and 4 in the Jaffray Hospital. The total cost of notification was £12 5s. 0d., or rather less than half that of the previous year.

ISOLATION.

It has only been necessary to remove 30 cases to the Scarlet Fever Wards, and of these 27 came from the District proper. This is little more than a third of those isolated last year, and I can congratulate the District on the smaller cost entailed, though I must again express the opinion that, given an epidemic prevalence, no money is better spent than that in coping with, and stamping out, infectious disease.

SEWAGE AND REFUSE DISPOSAL.

I am indebted to our new Surveyor, Mr. Humphries, to whom I have pleasure in offering an official welcome, for the following particulars upon the work carried out during the year :—

SEWERS.

The following Sewerage Extensions and Alterations have been made during the past 12 months :—

The relaying of the Orchard Road Sewer has been completed.

A new Sewer, about 470 yards long, is being laid in Minstead Road, off Gravelly Hill.

Tenders have been received for the Sewerage of Bromford Lane, Wheelwright Road, and Kingsbury Road, and this work will now be commenced.

The Sewers have been regularly flushed during the year, the total number of gallons of water used for this purpose being 1,813,044.

Fifty-six drain connections have been made from the Public Sewers to drains from some 129 houses.

ROADS AND IMPROVEMENTS.

The Main Roads were taken over by the Council at the beginning of the year, and a large amount of work has been carried out on both the "Mains" and "Other Roads," the more important works being the remetalling of the Sutton Road between the Sutton Coldfield Boundary and Gravelly Hill, the construction of a drain and gullies for the surface drainage of Kingsbury Road at Gravelly Hill, and the re-making of about 500 yards of Perry Common Road at Witton.

Various improvements have been carried out in widening the Highways, and several others in contemplation will probably be soon undertaken.

Trafalgar Road, Orchard Road, and Arthur Road have been made up, and New Street, Hillaries Road, and Frederick Road are in course of being re-made

Plans and Estimates have been prepared for making up Leamington Road, Woodland Road, and Bridge Road.

PROPOSED WORKS.

Plans and estimates have been prepared for the surface drainage of the Slade Road and Marsh Lane Districts, and are now under consideration by the Council.

A scheme for kerbing, channelling, and paving the more important roads is being prepared.

Plans and estimates are being prepared for the making up of several private streets.

A scheme for the sewerage of Witton will shortly be presented to the Council.

It has been my duty in the past to call your attention to the necessity of the Council undertaking a system of Public Scavenging, and I can, therefore, heartily congratulate you on having commenced the necessary negotiations to this end. I must again draw your attention to the condition of Witton as regards sewerage, and express the hope that the time is not far distant when this important and indeed pressing matter will be attended to.

NEW BUILDINGS.

Mr. Humphries writes me as follows :—

During the year 1897 the Council have approved of 77 Plans, comprising 155 houses, 17 alterations and additions, including a large extension to the Board Schools, Cottage Homes for the Aston Board of Guardians (including a Lodge, Superintendent's House, 14 Cottage Homes, Infirmary, Workshops, Chapel, and Schools), 1 Bakery, 6 Miscellaneous Buildings, and 3 new Streets, with a total length of 830 yards.

The Council has disapproved of 7 Plans, representing 10 houses and 2 additions.

All the buildings for which Plans have been approved, with one or two exceptions, are either completed or in course of erection. Of the new streets one, having a length of 470 yards, is in course of construction.

The inspection of new buildings is being carried out as systematically as possible, the amount of work at present in my department preventing, however, such close attention as would be desirable.

In considering plans and inspecting new buildings particular attention is given to the system of drainage, ventilation of rooms and larders, concreting under floors, position of damp courses, and general details of construction.

I am pleased to see that Mr. Humphries calls attention to the question of building inspection. In a district like Erdington, which at the present time is developing at a phenomenal rate, nothing is more important than careful inspection, for the purpose of seeing that the building bye-laws are properly carried out, and also that the quality of the work is what it should be. In fact, it is hardly stating it too strongly to say with so much building going on, it requires one man's entire work to see that all the necessary requirements are carried out.

WATER SUPPLY.

Twelve samples of water, all from surface wells, have been analysed, and, with one exception, all shewed large sewage contamination, and measures have been taken to lay on tap water.

ADULTERATION OF FOOD.

The Inspector has submitted to me, as County Analyst, 72 samples of food, all of which proved on analysis to be genuine. Full details will be found in tabular form in the appendix.

OVERCROWDING.

Two cases of overcrowding, one at Stockland Green, and the other in Bell Lane, were discovered by the Inspector. In each case, though the house was small, in addition to the family, lodgers were taken. The nuisance was abated without recourse to legal proceedings.

OFFENSIVE TRADES.

There are only two places in the District where such trade is carried on, viz., an artificial manure works in Goosemore Lane, and a gut-scraping shed in Slade Lane. I am glad to be able to report that both places have been conducted satisfactorily, and that no complaints of nuisance have reached me from those residing near.

HOUSES UNFIT FOR HABITATION.

With the exception of the cottage already referred to at Tyburn, no such house has been discovered during the year, and as the owners in this case at once carried out all necessary work no proceedings were required.

SCHOOLS.

In consequence of the prevalence of Measles all the Elementary Schools at Erdington were voluntarily closed a week earlier than usual before Christmas, but no request was made to the managers for their closure.

SYSTEMATIC INSPECTION OF THE DISTRICT.

This good work has been continued by the Inspector with excellent results, as many nuisances and sanitary defects have been thus discovered, and have been remedied.

VACCINATION.

Particulars as to Vaccination will be found in tabular form in the appendix, and looking at the indifference, not to say hostility, of so many people to vaccination at the present day, they can, in my opinion, particularly when compared with many neighbouring districts, be considered satisfactory.

GENERAL SANITARY WORK.

From the Inspectors' Report, which will be found in the appendix, it will be seen that a very large amount of work has been done, and as a result the general condition of property in the District has been materially improved.

CONCLUSION.

I can again refer with satisfaction to nearly all the points referred to in this Report. Our death-rate, despite the great increase of population, is below the average of

that of the last ten years, and although at first sight the increase of our zymotic death-rate appears to be an unsatisfactory feature, on analysis we find that the increase is due, as I have shown, to Measles, Whooping Cough, and Diarrhœa—diseases over which, unhappily, a sanitary officer has little control.

I must again tender my thanks to the Committee, and to my brother officers, for the courtesy and help I have always received at their hands.

I remain,

Mr. Chairman and Gentlemen,

Your obedient Servant,

A. BOSTOCK HILL, M.D., D.P.H. Camb.,

Medical Officer of Health.

B. *Table of New Cases of Infectious Sickness coming to the knowledge of the Medical Officer of Health during the year 1897, in the Erdington Urban District, classified according to Diseases, Ages, and Localities.*

WARDS. (a)	POPULATION AT ALL AGES.		Registered Births. (d)	Aged under 5 or over 5. (e)	NEW CASES OF SICKNESS IN EACH LOCALITY, COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.													NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITAL.												
	Census 1891. (b)	Estimated to middle of 1897. (c)			1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12	13
					Smallpox.	Scarlatina.	Diphtheria.	Membranous Group.	FEVERS.					Cholera.	Erysipelas.			Smallpox.	Scarlatina.	Diphtheria.	Membranous Group.	FEVERS.					Cholera.	Erysipelas.		
									Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.									Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.				
BROMFORD	9,628	1,679	27	Under 5	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
FENTHAM		3,281	70	5 upwds.	...	3	1	...	...	1	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	
MOOR END		2,801	65	Under 5	...	6	2	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	
SHORT HEATH		4,679	118	5 upwds.	...	10	4	...	...	3	...	...	...	...	3	...	...	...	7	...	...	...	...	...	...	...	...	...	...	
WITTON		560	19	Under 5	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	
THE WORKHOUSE...		...	1	5 upwds.	...	3	6	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	
JAFFRAY HOSPITAL		...	...	Under 5	...	6	2	...	...	2	...	...	1	...	3	...	...	...	3	...	...	...	...	...	...	...	...	...	...	
MASON'S ORPHANAGE		...	...	5 upwds.	...	16	4	...	...	1	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	
TOTALS	9,628	13,000	300	Under 5	...	13	8	1	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...		
				5 upwds.	...	38	17	...	...	16	...	...	1	...	19	...	...	24	...	...	...	...	...	...	...	...	...	...		

State here whether "Notification of Infectious Disease" is compulsory in the District—Yes. Since when?—December, 1889. Besides the above-mentioned Diseases, insert in the columns with blank headings the names of any that are notifiable in the District, and fill the columns accordingly. State here the name of the Isolation Hospital used by the sick of the District. Mark (H) the Locality in which such Hospital is situated; and if not within the District, state where it is situated—Aston Manor Joint Hospital, partly in Perry Barr and Erdington Urban Districts.

WATERS : RESULT OF ANALYSES EXPRESSED IN PARTS PER 100,000.

No. of Water.	LOCALITY.	Date.	Total Solid Matter.	Ammonia Free.	Ammonia Organic.	Nitrogen as Nitrates and Nitrites.	Chlorine.	REMARKS.
1	Birches Green, Erdington...	Jan. 29th	190	0·002	0·014	9·0	13	Water suspected.
2	New Tree Inn, Witton ...	Feb. 8th	256	0·016	0·032	6·8	18·7	Diphtheria occurred here.
3	Fentham Road, Erdington...	Apr. 26th	124	0·004	0·008	10·2	6·82	Complaint made to Inspector.
4	Slade Lane, Erdington ...	Sep. 20th	216	0·001	0·020	11·6	10·1	Water suspected.
5	Chester Road, Tyburn ...	Oct. 5th	152	0·003	0·010	7·5	4·4	Diphtheria occurred here.
6	Slade Lane, Erdington ..	" 20th	212	0·001	0·019	11·3	9·9	Water suspected.
7	Chester Road, Tyburn ..	Dec. 1st	14	0·001	0·002	2·1	0·3	Taken by Order of Committee.
8	The Wharf, Tyburn ..	"	216	0·300	0·024	9·8	3·3	Taken by Order of Committee.
9	Tamworth Road, Tyburn ...	"	120	0·002	0·009	3·9	1·32	Taken by Order of Committee.
10	Tamworth Road, Tyburn ..	" 23rd	164	0·048	0·024	14·4	6·16	Taken by Order of Committee.
11	Tamworth Road, Tyburn ...	"	120	0·002	0·010	6·9	1·32	Taken by Order of Committee.
12	Tamworth Road, Tyburn ...	"	104	0·002	0·006	17·6	1·32	Taken by Order of Committee.

TABLE D.—SUMMARY OF SANITARY WORK DONE IN THE INSPECTOR OF NUISANCES DEPARTMENT DURING THE YEAR 1897, IN THE URBAN DISTRICT OF ERDINGTON.

DESCRIPTION OF WORK PERFORMED.				Inspections and Observations made.	Formal Notices by Authority.	Nuisances Abated after Notice.
Dwelling Houses and Schools	House-to-House inspection, No. of houses inspected ...			317	—	—
	{	Foul Conditions ...	...	226	—	113
		Structural Defects ...	...	72	6	36
		Overcrowding ...	...	4	—	2
		Unfit for Habitation...	...	—	—	—
	Lodging Houses ...			—	—	—
	Dairies and Milkshops ...			7	—	—
	Cow Sheds ...			22	—	—
	Bakehouses ...			47	—	—
	Slaughter-houses ...			19	—	—
Canal Boats ...			—	—	—	
House Drainage	Ashpits and Privies ...			396	—	198
	Deposits of Refuse & Manure			32	—	16
	Water Closets ...			108	—	54
	{	Defective Traps ...	...	100	—	50
		No Disconnection ...	...	4	—	2
		Other Faults ...	...	160	—	80
	Water Supply ...			40	4	20
	Pigsties ...			20	—	10
	Animals improperly kept ...			30	—	15
	Offensive Trades ...			9	—	—
Smoke Nuisances ...			6	—	3	
Other Nuisances ...			294	—	147	
TOTALS ...				1596	10	746

TABLE **D.**—*Continued.*

DESCRIPTION OF WORK PERFORMED.	No.
Seizures of unwholesome Food	—
Samples of Food taken for Analysis	72
„ „ found Adulterated	—
„ of Water taken for Analysis	12
„ „ condemned as unfit for use	11
NOTE.—Where an inspection or notice embraces more than one defect, it may be enumerated separately as regards each such defect.	
PRECAUTIONS AGAINST INFECTIOUS DISEASE.	
Lots of Infected Bedding Stoved or Destroyed	38
Houses Disinfected after Infectious Disease	47
Schools „ „ „	—
Prosecutions for not Notifying Existence of Infectious Disease	—
Convictions „ „ „ „	—
Prosecutions for Exposure of Infected Persons or Things ...	—
Convictions „ „ „ „	—

N. DEEKS,*Inspector of Nuisances.*

TABLE E.

PROCEEDINGS UNDER THE SALE OF FOOD AND DRUGS ACTS, 1875-9.
DESCRIPTION OF SAMPLES TAKEN FOR ANALYSIS DURING THE YEAR.

NO.	DATE.	ARTICLE.	REMARKS.
1—Jan.	21st...	Milk	Genuine.
2— "	21st ..	Milk	"
3— "	21st...	Milk	"
4— "	21st...	Mustard	"
5— "	21st ..	Butter	"
6— "	21st...	Tea	"
7—Feb.	18th ..	Milk	"
8— „	18th...	Milk	"
9— "	18th...	Milk	"
10— "	19th...	Butter	"
11— "	19th...	Lard	"
12— "	19th...	Mustard	"
13—Mar.	25th...	Milk	"
14— "	25th...	Milk	"
15— "	25th...	Milk	"
16— "	25th...	Coffee	"
17— "	25th...	Tea	"
18— "	25th...	Pepper	"
19—Apr.	22nd...	Cream of Tartar	"
20— "	22nd...	Tartaric Acid	"
21— "	22nd...	Magnesia	"
22— "	22nd ..	Milk	"
23— "	22nd ..	Milk	"
24— "	22nd...	Milk	"
25—May	22nd...	Coffee	"
26— "	22nd ..	Mustard	"
27— "	22nd ..	Pepper	"
28— "	24th...	Milk	"
29— "	24th...	Milk	"
30— "	24th—	Milk	"
31—June	17th...	Milk	"
32— "	17th...	Milk	"
33— "	17th...	Milk	Poor in quality.
34— "	17th ..	Coffee	Genuine.
35— "	17th...	Tea	"
36— "	17th...	Pepper	"

TABLE E.—*Continued.*

NO.	DATE.	ARTICLE.						REMARKS.
37—July	24th...	...	Mustard	...	...	...	...	Genuine.
38—	" 24th...	...	Coffee	...	...	...	...	"
39—	" 24th...	...	Pepper	...	...	...	...	"
40—	" 26th...	...	Milk	..	...	...	...	"
41—	" 26th ..	...	Milk	...	...	...	...	"
42—	" 26th...	...	Milk	...	...	...	...	"
43—Aug.	23rd...	...	Milk	...	...	..	..	"
44—	" 23rd ..	...	Milk	..	..	...	...	"
45—	" 23rd...	...	Milk	...	...	...	...	"
46—	" 23rd...	...	Coffee	...	...	...	...	"
47—	" 23rd...	...	Mustard	...	...	...	...	"
48—	" 23rd...	...	Pepper	...	...	...	...	"
49—Sept.	27th...	...	Milk	...	...	...	...	"
50—	" 27th...	...	Milk	...	...	...	...	"
51—	" 27th...	...	Milk	...	...	...	...	"
52—	" 27th...	...	Coffee	...	...	...	...	"
53—	" 27th...	...	Mustard	..	..	...	...	"
54—	" 27th...	...	Tea	..	...	...	...	"
55—Oct.	25th...	...	Milk	...	...	...	...	"
56—	" 25th ..	...	Milk	...	...	...	...	"
57—	" 25th...	...	Milk	...	...	...	...	"
58—	" 25th...	...	Pepper	...	...	...	...	"
59—	" 25th ..	...	Coffee	...	...	...	...	"
60—	" 25th...	...	Oatmeal	...	...	...	...	"
61—Nov.	22nd...	...	Milk	...	...	...	...	"
62—	" 22nd...	...	Milk	...	...	...	...	"
63—	" 22nd..	...	Milk	...	...	...	...	"
64—	" 22nd...	...	Butter	...	...	...	...	"
65—	" 22nd...	...	Butter	...	...	...	...	"
66—	" 22nd...	...	Lard	...	...	...	...	"
67—Dec.	22nd...	...	Milk	...	...	...	...	"
68—	" 22nd...	...	Milk	...	...	...	...	"
69—	" 22nd...	..	Milk	...	...	...	...	"
70—	" 22nd ..	...	Coffee	...	...	...	..	"
71—	" 22nd...	...	Mustard	...	...	...	...	"
72—	" 22nd...	...	Tea	...	...	...	...	"

TABLE F.

ERDINGTON SANITARY AUTHORITY (WARWICKSHIRE PORTION).

Return showing the number of Births Registered, together with the number of such cases successfully Vaccinated or otherwise disposed of in the above District during the year ending 31st December, 1897.

VACCINATION DISTRICTS.	No. of Births Regist'r'd during the Year ending 31st Dec., 1897.	No. of these cases successfully Vaccinated.	Insusceptible of Vaccination.	Died before Vaccination.	Cases under Postponement.	Removals to other Districts out of the Union.	No. of cases not to be found.	No. of cases remaining Unvaccinated. at date of this Return.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
ERDINGTON ...	335	249	4	24	11	1	3	43
WITTON ...	19	12	—	1	1	—	1	4
TOTAL ...	354	261	4	25	12	1	4	47

NOTE.—As the Public Vaccination for Erdington is performed quarterly, 21 of the cases in Column 9 had not attained the age for Vaccination at the time appointed in January last.

Aston Union Offices, Vauxhall,
 J. J. STEPHENS,
 Vaccination Officer for Aston Union.

February, 1898.

